

The Broadband over Power Lines (BPL) proposal should be denied. BPL would radiate on wide swaths of spectrum and produce unacceptable amounts of interference on the airwaves, not only to Amateur Radio operators, but to other services and licensed users of the spectrum. The shortwave high frequency bands are used for many communications in times of emergency. These include the forest fires we have been recently experiencing here in the western states, tornados in the midwest, and hurricanes along the Gulf states. These frequencies should be protected from interference. The noise factors that BPL would introduce in any populated area would severely hamper these services and efforts. For the most efficient communications we need use of all our various bands, as VHF coverage alone will not cover some of the distances needed. A basic flaw in the BPL system is its use of power lines. They were designed for delivery of electric power, and were not designed to contain any other signals. This introduces an unacceptable risk of radio frequency interference to the present users of the affected radio frequencies. It will interfere with AM, FM and television broadcasts, and aircraft and public safety frequencies. It would also impact Citizens Band, and radio astronomy.